SEARCHLIGHT SECTION

OFFICIAL PROPOSALS

Copy: Official Proposals reaching our New York Office by 10 A. M., Tuesday can usually be printed in the issue out Thursday.

Rate:
40 Cents a Line an Insertion

Plans and Specifications for inspection by distant bidders may be filed at any of the Engineering News-Record offices without charge.

THESE ADVERTISEMENTS ARE OFFICIAL NOTICES THAT BIDS ARE WANTED FROM BIDDERS EVERYWHERE.

OFFICIAL PROPOSALS

Bids: July 3.

Proposals to Furnish and Install A Stone Crusher Plant and Incidental Equipment

Trenton, N. J.

The Board of Freeholders of Mercer County will receive separate bids on Tuesday, July 3, 1923, at 2:30 o'clock (daylight saving time) in the afternoon, at their regular place of meeting, Court House, Trenton, New Jersey, for:

1. Furnishing, delivering and erecting at Moore Station, New Jersey, 36-inch x 24-inch jaw stone crusher, with elevators, screens, counter shafts, chain and belt drives, crusher bins, gates, hoists, housing for crusher plant, 20-ton auto truck scale, well driller, narrow gauge cars, tracks, skips, traction crane with clam shell bucket, together with the relocation of existing crusher.

2. Furnishing and delivering f.o.b. Mercer County siding, Moore Station, N. J., all motors required to operate new crusher plant, placing same and installing all wiring and incidental equipment.

Prospective bidders are referred to plans and specifications covering the above work prepared by H. Elting Breed, Consulting Engineer, 507 Fifth Avenue, New York City, which plans and specifications are on file in his office and at the office of the County Engineer, Court House, Trenton, New Jersey. Copies of said plans and specifications may be obtained upon deposit of the sum of ten dollars, which will be refunded if the plans and specifications are returned in good condition within 48 hours after the bids are opened.

Each proposal must be accompanied by a certified check in the amount of 10 per cent of the bid, payable to Edgar G. Weart, County Treasurer, also by a proposition from a surety company fulfilling the requirements of Section 507, Chapter 185, P. L. 1918.

The right is reserved to reject any or all bids and to waive any immaterial defect or informality in any bid should it be in the interest of the county to do so.

ELMER E. MARGERUM,
Director of Department of Public Buildings.

Bids: June 28.

County Road Work

Henderson, N. C.

Sealed bids for the construction of approximately three (3) miles of hard surfaced highway on the Dabney, Oxford and Cooper roads (districts Nos. 1, 2, and 3) in Vance County, North Carolina, will be received by the County Commissioners in their office at Henderson, North Carolina, at four o'clock p.m. on the 28th day of June, 1923, opened and read publicly.

No bid will be considered unless accompanied by certified check or a corporate surety bond, as specified in "Instructions to Bidders."

A Corporate Surety Bond will be required for the faithful performance of the contract, in a sum equal to one-half the total amount of bid, or other security satisfactory to the Commission.

Specifications, form of Contract, Proposal Blanks, plans and full information for bidders may be obtained at the office of Dr. A. C. Yow, Henderson, N. C., and M. E. Miller, Engineer, Salisbury, N. C.

The right is reserved to reject any or all proposals or to accept the proposal or proposals deemed best for the Paving Districts.

By order of the County Commissioners of Vance County, this the 12th day of June, 1923.

W. S. CORBITT, Secretary,
Vance County Paving District.

OFFICIAL PROPOSALS

Bids: July 6.

State Highway Work

Richmond, Va.

Sealed bids will be received at the office of the State Highway Dept. 413 N. 10th St., Richmond, Va., until 10:30 A.M., Fri., July 6th, 1923, for the construction of:

1. Proj. F-295-Rt. 39 — Richmond-Seven Pines, Henrico Co., 5.19 mi. 18'-8"-6"-8" conc. roadway, approx.: 2 ac. clearing, 10,026 cu.yds. exc., 5,946 cu.yds. borrow exc., 713 lin.ft. pipe, 277 cu.yds. "B" conc. Cert. check $1,000.00. State will furnish cement.

2. Proj. F-178-Rt. 31—Grassy Creek bridge near Clarksville in Mecklenburg Co., 120 ft. Steel truss with surface treated floor, approx. 51.7 cu.yds. "A" conc., 2,410 lbs. reinf. steel, 84,000 lbs. structural steel, 12,420 ft. B. M. Lumber, 244 lin.ft. Guard Fence. Cert. check $500.00.

3. Proj. S-65D-Rt. 33—Fancy Hill-Buffalo Creek, Rockbridge Co., 3.95 miles, 18'-8". Bit. Mac. roads approx. 5 ac. clearing, 33,482 cu.yds. exc. 1,145 cu.yds. borrow, 570 lin.ft. pipe, 70 cu.yds. "A" conc., 120 cu. yds. "B" conc., 600 lin.ft. Wood Gd. Rail. Cert. check $500.00.

4. Proj. F-227-Rt. 10—Bridge over Spoon Creek in Patrick Co., three 30' reinf. conc. beam spans, approx. 125 cu.yds. "A" conc., 126 cu.yds. "B" conc., 24,675 lbs. reinf. steel. Cert. check $500.00.

5. Proj. S-325-Rt. 112—Four bridges and approaches over Little Cedar Creek between Lebanon and Hansonsville in Russell Co., four 30' reinf. conc. beam spans, Four 25' reinf. conc. beam spans. Approx. 2,375 cu.yds. "A" conc., 287.4 cu.yds. "B" conc., 45,155 lbs. reinf. steel, 10,008 cu.yds. of borrow, 3,208 cu.yds. exc. Cert. check $500.00.

6. Proj. S-255-Rt. 11—Streets of Tazewell-Tazewell Co., 1.63 18' 38' 2" 8" Bit. Mac. road, approx. 1,368 cu.yds. exc., 66 cu.yds. borrow, 126 lin.ft. pipe, 3.06 cu.yds. "B" conc. 825 cu.yds. stone, 2,340 lin.ft. conc. curbing, 18,657 sq.yds. scarifying—alt. bids using conc. pavement, state will furnish cement

7 Proj. S-315-Rt. 32—Streets of Gordonsville, Orange Co., 0.65 miles of Bit. Mac. & Surface Treatment. Approx. 485 cu.yds. exc. 1,890 sq.yds. Base Stone, 6,050 sq.yds. scarifying, 3,400 gals. Bit. Material (0. A-2) 60 tons of stone chips, 54 cu.yds. No. 2 stone. Cert. check $500.00.

8. Proj. F-282-Rt. 14—Gretna-Chatham, Pittsylvania Co., 9.6 mi. of 20-22 soil road, approx. 21.4 ac. clearing, 69,800 cu.yds. exc. 1,986 lin.ft. pipe, 155 cu.yds. conc. "A," 374.3 cu.yds. "B" conc., 12,192 lbs. reinf. steel, 3,100 lin.ft. wood gd. rail. Cert. check $1,000.00. Plans and proposals will not be available until June 22nd.

9. Proj. S-248-Rt. 18—Clifford-Claypoole, Nelson & Amherst Co.'s., 7.49 mi. 24-26 grading and drainage. Approx. 7.4 ac. clearing, 6,200 cu.yds. exc., 2,228 cu.yds. borrow, 1,800 lin.ft. pipe, 201.2 cu.yds. "A" conc., 553.3 cu.yds. "B" conc., 15,543 lbs. reinf. steel, 4,500 lin.ft. wood gd. rail, 3,500 cu.yds. Channel Change. Cert. check $1,000.00. Plans on this project will not be available until June 22nd.

10. Proj. F-301-Rt. 28—Covesville-North in Albermarle Co., 2.13 miles 16' Bit. Mac. Approx. 19,869 cu.yds. Exc., 448 lin.ft. pipe, 118.7 cu.yds. "A" conc., 20.5 cu.yds. "B" conc., 6,928 lbs. reinf. steel, 1,245 lin.ft. Wooden Gd. Rail. Cert. check $500.00. Plans and bidding proposals will not be available until June 22nd.

Bid Bond twenty per cent inexcess of amount of certified check.

Plans and specifications are on file at the office of the State Highway Dept. and at the office of the following Dist. Engineers: Proj. F-295, 178 Richmond, Proj. S-65D, Staunton, Va., Proj. 227, Salem, Proj. 325, 255, Bristol, Proj. 315-301, Culpeper, Proj. 282, 248 Lynchburg.

OFFICIAL PROPOSALS

Additional plans for bidders for the above project can be obtained upon application to the State Highway Dept. upon receipt of $5.00 payable to H. G. Shirley, $2.500 will be refunded if plans are returned within two weeks after bids are opened. Bridge plans from W. F. Hobart, 805½ E. Franklin St., Richmond, as follows: Proj. 178, 54c., Proj. 227, 54c., Proj. 325, 2.16. If plans are desired immediately add 10c. for Special Delivery.

Engineers will be at the following places to show prospective bidders over projects as follows: Proj. 295, Dist. Engr. office Richmond, 10:30 A.M. Tues. June 19th. Proj. 178, Clarksville Hotel, 10:30 A.M. Fri., June 22nd, Proj. 65½, Lexington Hotel, Lexington, Va., 10:30 A.M. Fri., June 22nd Proj. 227, Martinsville, 10:30 A.M. Wed., June 20th, Proj. 325, Lebanon, Noon Tues., June 26th, Proj. 255, Co. Engineers office, Tazewell, Noon Thurs., June 28th, Proj. 315. Res. Engineers office, Gordonsville, Tues., June 26th, Proj. 282, So. Railway Station, Chatham, 11 A.M. Monday, July 2nd, Proj. 248, Amherst, 10 a.m., Tues., July 2nd, Proj. 301, Covesville, 10 A.M. June 26th.

The State Highway Commission reserves the right to reject any or all bids.

H. G. SHIRLEY,
Chairman.

C. S. MULLEN, ..
Acting Commissioner.
June 15, 1923.

Bids: June 27.

DEPARTMENT OF WHARVES, DOCKS AND FERRIES, MUNICIPAL PIER NO. 4, SOUTH WHARVES, FOOT OF CHESTNUT STREET

Pier

Philadelphia, Pa.

Sealed proposals endorsed "Bids for the completion, with appurtenance work for Porter Street Pier No. 84, South Wharves, Moyamensing Group, Delaware River" will be received until 12 o'clock noon, (Standard Time) Wednesday, June 27, 1923 in Room 211, Municipal Pier No. 4, South Wharves, foot of Chestnut Street, and then publicly opened.

Plans, specifications and blank forms upon which bids must be made, can be obtained in Room 204 Municipal Pier No. 4, South Wharves, upon a deposit of a certified check in the amount of $25, which check will be returned upon the receipt in this office of the plans and specifications in good condition and unmarked. The successful bidder will be furnished with all blueprints necessary, free of charge.

The bidder's attention is called to the fact that bids are solicited, and payment for the above mentioned work is to be made out of funds now available, and an appropriation of $600,000. to the Department out of the $3,610,000. loan of May 11, 1923, when the same becomes available, and that no contract will be made until that time.

Proof must be submitted the Department by the Contractor that he has accepted the provisions of the Workingmen's Compensation Act of June 18, 1917, relative to Workingmen's compensation, and insured his liability thereunder or secured exemption therefrom.

No bid will be considered unless accompanied by a certificate from the City Solicitor of the City of Philadelphia to the effect that the provisions of an ordinance approved May 25, 1860, requiring proposal bonds on all bids exceeding in amount $500. have been complied with.

The Director reserves to himself the right to reject any or all bids as he may deem best for the interest of the City of Philadelphia.

GEORGE F. SPROULE,
Director.

June 11, 1923.

OFFICIAL PROPOSALS

Bids: July 10.

Drainage Ditch and Improvement

DISTRICT NO. 6

Ottumwa, Ia.

In the Matter of the Cedar Creek Drainage District No. 6, of Wapello County, Iowa, and Drainage Ditch and improvement therein:

Notice is hereby given that in pursuance of an order of the Board of Supervisors of Wapello County, Iowa, made on May 17, 1923, sealed bids will be received by the undersigned for said Board up to Two o'clock p.m. on July 10, 1923, at the Court House, Ottumwa, Ia., but not later, for the construction of said Drainage Ditch and improvement in said Drainage District No. 6, of Wapello County, Ia., in accordance with the approved plans, profiles, specifications, and contract in blank form for bids, and bond therefor, on file in my office; said work thereof being described as follows, and having the approximate estimated amount and quantities as specified, but which may be found to be either more or less on final measurement:

The beginning point of said Ditch and Improvement is at E. of CM. & ST. P. R. RY. bridge No. 1-352 in N. W. ¼, S. W. ¼, Sec. 21-Highland Twp. 73-R 13 W. and ending at the E. ¼ Cor. S. E. ¼ Sec. 36-Highland Twp., a distance of 4.47 miles, divided into sections as follows:

Sec. A-1—34,966 cu.yds. Start work on or before Nov. 1, 1924. Completed by Dec. 1, 1924.

Sec. B-2—38,541 cu.yds. Start work on or before Sept. 1, 1924. Completed by Nov. 1, 1924.

Sec. C-3—30,904 cu.yds. Start work on or before Aug. 1, 1924. Completed by Sept. 1, 1924.

Sec. D-4—43,822 cu.yds. Start work on or before June 15, 1024. Completed by Aug. 1, 1924.

The estimated quantity of material to be excavated in said entire Ditch is 148,233 cu. yds. of excavation. This work consists in cutting a continuous channel as located, which channel is 10 feet in width at the bottom, and side slopes shall be one foot horizontal to one foot vertical; side slopes shall be left smooth and uniform, and bottom of channel shall be brought to proper grade elevation and left smooth and uniform, and with an approximate depth of 9½ feet; right of way 125 feet in width from place of beginning to CM. & ST. P. Bridge in Sec. 27-73-13 and 150 feet in width from there to the end.

Bids will be submitted for the entire work; and the price must be stated in both words and figures, and permission will not be granted to amend or withdraw any bid after filing with the County Auditor. Maps plans, profiles, specifications, and form for bids, contracts, etc., are on file in my office, and at the office of Brown & Cook, Engineers, Ottumwa, Iowa, and can be examined. The Board will award contract to the lowest responsible bidder therefor; but the right is hereby expressly reserved by said Board to reject any or all bids and to readvertise the letting of said work; and no bid will be considered unless on the approved form for bids furnished by the undersigned.

All bids must be signed with the recognized name of the Contractor or firm who expects to do the work if awarded the contract, and each bid must be accompanied by a certified check of some reputable bank, in the sum equal to ten per cent. of the amount of the bid, (but not to exceed $10,000.00), drawn in favor of the County Auditor of Wapello County, Iowa, as a guarantee of good faith in entering on said contract, and if awarded the contract for said work, the bidder will within ten days from the date of notice thereof, enter into said contract therefor and execute said Bond therefor, or deposit cash, as provided by law in the sum of twenty-five per cent of estimated cost of said work so let by such contract. The checks of unsuccessful bidders will be returned to them respectively as soon as award is made. All provisions of present Drainage Laws of Iowa are made a part of all said contracts.

All bids must be sealed and marked on the outside of envelope: Bid for Contract on Cedar Creek Drainage Ditch, No. 6, and addressed to Fred W. Prosser, County Auditor, Ottumwa, Wapello County, Iowa. The bids will be opened at Two o'clock p.m. on July 10, 1923, in the offic of the Board of Supervisors, in Court House at Ottumwa, Iowa, and the contract, is awarded by the said Board as soon as practicable thereafter on said date.

Witness my hand and seal this day of May, 1923. FRED W. PROSSER.

County Auditor of Wapello Co., Ia.

OFFICIAL PROPOSALS

Bids: June 25.

State Road Work

Trenton, N. J.

Notice is hereby given that sealed bids will be received by the State Highway Commission of New Jersey for the construction of the following:

Route No. 4, Section No. 21, Point Pleasant-Laurelton, in the County of Ocean. Estimated 12,846 cu.yds. of excavation, 33,937 sq.yds. of gravel surface, and 57,483 sq.yds. of single line eight inch (8") reinforced concrete pavement.

Route No. 5, Section No. 10, Chatham-Brantwood, in the Counties of Morris, Essex and Union. Estimated 7,212 cu.yds. of excavation, 461 sq.yds. of Sheet Asphalt pavement, 4,300 sq.yds. of Granite Block pavement, and 20,566 sq.yds. of double line eight inch (8") reinforced concrete pavement.

Bids will be received at the Assembly Chamber, State House, Trenton, New Jersey, on Monday, June 25th, 1923, at 11:00 a.m., Standard Time, and opened and read immediately thereafter.

Drawings, specifications and form of bid, contract and bond for the proposed work are on file in the office of the State Highway Department, Trenton, New Jersey, and may be inspected by prospective bidders. Plans will be furnished on deposit of Ten Dollars ($10.00) upon application to the State Highway Department, 9th floor Broad St. Bank Building, Trenton, New Jersey. Bids must be made on the standard proposal forms in the manner designated therein, and as required by the 1922 specifications, same to be enclosed in sealed special addressed envelopes bearing the name and address of bidder and the name and section of the route on the outside, and must be accompanied by a certified check drawn to the order of the Treasurer of the State of New Jersey for not less than ten per cent (10%) of the amount of the bid, provided that the said certified check shall not be less than $500.00 nor more than $20,000.00 and be delivered at the above place on or before the hour named. Copies of the standard proposal form and special addressed envelopes will be furnished on application. Bids not enclosed in special envelopes will be considered informal and will not be opened.

Each bidder must accompany his bid with a certificate from a surety company duly authorized to do business in this State, stating that such surety company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of the said specifications, conditioned for the faithful performance of the provisions of the contract and specifications. Each bidder must also accompany his bid with a Statement of Equipment properly filled out.

By order of the State Highway Commission.

A. LEE GROVER,
Chief Clerk.

Bids: July 5.

Structural Steel Framing and Steel Rolling Doors

New Orleans, La.

Sealed proposals will be received by the Board of Commissioners of the Port of New Orleans at their office, Suite 200 New Court Building, until 3:00 p.m., July 5, 1923, and then publicly opened for furnishing and erecting at Poland Street Landing under two separate contracts:

A. Structural Steel Framing for Shed Approximately 216 tons. (Requisition E. D. 13554.)

B. Steel Rolling Doors, approximately 4,560 square feet. (Requisition E. D. 13555.)

A deposit of $600.00 in cash or certified check is required with proposal A and $300.00 with proposal B.

A bond to the amount of fifty per cent (50%) of the sum bid is required with each notarial contract.

Specifications and proposal forms are on file in the office of the Supervisor of Purchases at No. 1 Canal Street, New Orleans, Louisiana. Complete sets will be furnished to prospective bidders on deposit of $10 for each set, which will be refunded to depositors who submit proposals or return sets in good condition.

The right is reserved to reject any or all bids and to waive informalities.

J. H. WALSH, General Manager.

Requisitions E. D. 13554 and E. D. 13555.

OFFICIAL PROPOSALS

Bids: June 22.

State Highway Work

Providence, R. I.

Sealed proposals for the reconstruction under the provisions of the Federal Aid Road Act of a Section of State Highway in the Towns of Richmond and Hopkinton, between Wyoming and Hopkinton City on the New London Turnpike, will be received by the State Board of Public Roads at its office, State House, Providence, R. I., until 12 M. (Daylight Saving), 11 a.m. (Eastern Standard) on Friday, June 22, 1923, at which time they will be opened and read in public.

The principal estimated quantities are as follows:

Contract No. 2305—Federal Aid Project No. 18—5.51 miles Reinforced Cement Concrete Pavement.

Excavation	21,200 cu.yd.
Gravel Foundation	3,000 cu.yd.
Sub-drain	1,300 lin.ft.
Pipe Culverts	2,700 lin.ft.
Wooden Guard Rail	9,000 lin.ft.
Reinforced Cem. Conc. Pavement	11,340 cu.yd.
Cement for concrete pavement	20,640 bbl.
Galvanized steel fabric in pavement	295,000 lb.
Steel bars for reinforcement	33,000 lb.

Bids must be made upon blank forms to be furnished by the Board.

No bid will be accepted unless accompanied by a certified check for the sum of $200.00, payable to the State of Rhode Island.

The Board reserves the right to reject any and all bids, and to give preference to towns or cities, in accordance with Section V of Chapter 84 of the General Laws.

Plans may be examined and specifications and bidding blanks may be obtained at the office of the State Board of Public Roads, State House, Providence, R. I., on and after Monday, June 11, 1923, every week day (except holidays and Saturdays), between the hours of 9 a.m. and 5 p.m. Saturdays 9 a.m. to 12 m.

State Board of Public Roads.
ABRAM L. ATWOOD
BENJAMIN F. ROBINSON
FRANK COLE
ALTON HEAD
JOHN W. HANLEY

Bids: June 29.

Rebuilding Bridge

Salem, Mass.

Sealed proposals for rebuilding the Haverhill Lower Bridge over the Merrimack River in the City of Haverhill, Mass., will be received by the Haverhill Lower Bridge Rebuilding Commission at the County Commissioners' office in the Court House at Salem, Mass., until 11:00 o'clock a.m. of Friday, June 29, 1923, and then and there will be publicly opened and read.

The proposed bridge is to be 804 feet long and 66 feet wide, consisting of five reinforced concrete arches of 80 feet clear span, one arch of 55 feet clear span, and reinforced concrete approaches of beam and slab construction. A proposed steel bascule drawspan is not included in the proposals. The new bridge will occupy the site of the old bridge and extend downstream therefrom so that one-half of the new bridge is to be built clear of the old bridge which is then to be removed and the other half of the new bridge completed in its place.

Each proposal must be accompanied by a certified check for twenty thousand dollars ($20,000). A bond in the sum of fifty (50) per cent of the amount of the contract with an approved surety company as surety will be required for the faithful performance of the contract.

More detailed information is given in the plans, notice to contractors, specifications, and form of proposal, contract, and bond, copies of which may be inspected at the office of the Commission No. 14 Water Street, Haverhill, or may be obtained at the office of the County Engineer in the Court House at Salem upon the deposit of fifty (50) dollars, which will be refunded upon return of plans, specifications, etc., in good condition, on or before the day, Herein set for the opening of proposals.

The right is reserved to reject any and all proposals.

ROBERT H. MITCHELL, Chairman
CHARLES N. KELLY,
EDMUND C. WENTWORTH,
RAYMOND H. TREFRY,
FREDERICK BUTLER.
Haverhill Lower Bridge Rebuilding Commission.
ROBERT R. EVANS, Engineer.
Haverhill, Mass., June 8, 1923.

OFFICIAL PROPOSALS

Bids: July 2.

Sea Wall or Flood Protection

Vicksburg, Miss.

Sealed proposals for the construction of a concrete wall along the river front at Vicksburg, Mississippi, will be received at the City Hall until 4 p.m. July 2, 1923, at which time and place, they will be publicly opened and read.

Approximately 4,200 lineal feet of wall containing about 9,500 cu.yd. of concrete, 450 tons of reinforcing steel and 4,200 lineal feet interlocking sheet piling 10 to 20 feet long, will be contained in the work. Bidders must accompany their proposal with a certified check payable to "Board of Mayor and Aldermen," City of Vicksburg, for not less than 5 per cent of their bid price.

Care will be exercised in determining the special skill and the responsibility of the bidders, to which end each bidder will be expected to make satisfactory answers to a questionnaire, copy of which will be forwarded upon request. Plans and specifications may be obtained from Miller-Butterworth Company, Engineers, 624 Southern Trust Building, Little Rock, Arkansas, for the sum of $10. Upon surrender of the plans and specifications in good condition, $5 of this will be returned. The City reserves the right to reject any and all bids and to waive technicalities in awarding the contract.

J. J. HAYES, Mayor.

Bids: June 29.

Reinforced Concrete Bridge

Reading, Pa.

Sealed proposals are hereby invited for the building of a reinforced concrete bridge over the Schuylkill River, on Schuylkill Avenue, Reading, Pa.

The bridge is to consist of five spans 106 feet and 2 spans of 40 feet, with beam and slab construction in the approaches. Total length of the bridge to be 1,057 feet, 70 feet wide all over, with a 48 feet roadway and two 11 feet 6 inch wide walks.

The contractor is to build and maintain during the construction of the new bridge a temporary bridge at the site indicated on the plans.

A deposit of $200.00 will be required for each set of plans and specifications, which will be refunded upon the return of the same. Plans and specifications are in the hands of the County Commissioners, Court House, Reading, Pa.

A certified check of $20,000.00 must be enclosed with the proposal.

Bids will be received by the County Controller at the Court House, Reading, Pa., until 10 o'clock in the morning of June 29, 1923.

JOHN P. WANNER,
County Controller,
Court House,
Reading, Pa.

Bids: July 17.

Inclosed Channel

Dunkirk, N. Y.

Sealed proposals for the construction of an inclosed channel and accessories for the diversion of Hyde Creek, in the City of Dunkirk, N. Y., will be received until 8 p.m., eastern time, July 17, 1923, and then publicly opened. The right is reserved to reject any or all bids. Plans and specifications are on file and information may be had on application to the undersigned. Specifications will be forwarded to applicants. To insure return of plans a deposit of twenty dollars ($20) is required for plans mailed, which sum will be returned to applicant upon return of plans.

H. J. HENDERSON,
City Clerk.

Compensation Insurance

Some contractors "give" this insurance to a friend, either personal or political. How many, we wonder, "engage" the services of a specialist to advise them right in the intricate problems that arise in this business.

ALFRED S. HAMILTON
110 William St., New York

OFFICIAL PROPOSALS

Bids: June 26.

Hudson River Vehicular Tunnel

CONTRACT NO. 5

New York, N. Y.

Sealed bids will be received by New York State Bridge and Tunnel Commission and New Jersey Interstate Bridge and Tunnel Commission at the office of the Commissions, Room 618, Hall of Records, New York City, until 2:00 o'clock p.m. (Eastern Standard Time), Tuesday, June 26th, 1923, for the construction of a portion of two (2) tunnels as approaches to the river section of a vehicular tunnel under the Hudson River, said approach section being on the Island of Manhattan, known as Contract No. 5.

A statement of the quantities of the various items of work and further information are given in the invitation to bid forming part of the contract. At the above place and time the bids will be publicly opened and read. The award of the contract, if awarded, will be made by the Commissions as soon thereafter as practicable. The Commissions reserve the right to reject any and all bids.

Bonds in the sum of three hundred fifty thousand ($350,000) dollars each to the State of New York and to the State of New Jersey will be required for the faithful performance of the contract.

No bids will be received or considered unless accompanied by two certified checks upon a National or State Bank or Trust Company, satisfactory to the Commissions and located in New York City or the cities of Newark or Jersey City in the sum of seventy-five thousand ($75,000) dollars each, one payable to the order of the "Comptroller of the State of New York," and the other payable to the order of "The New Jersey Interstate Bridge and Tunnel Commission."

The time allowed for the completion of the work is twenty-four months after the date of the delivery of the contract.

Books containing forms of invitation to bid, proposal, contract, specifications and bond and contract drawings, etc., can be obtained at the office of the Commissions for the sum of $5.00 per set, which will be refunded upon their return in good condition within thirty (30) days from the date of receipt of bids.

New Jersey Interstate Bridge and Tunnel Commission.

THEODORE BOETTGER,
Chairman.

New York State Bridge and Tunnel Commission.

GEORGE R. DYER,
Chairman.

Bids: August 31.

Tenders For Plant

STATE ELECTRICITY COMMISSION OF VICTORIA

Melbourne, Australia.

Tenders are hereby invited for the supply, delivery, etc., of the following for the Morwell Power Scheme.

Copies of Tender Form and Specification will be available upon application to: Office of the Bureau of Foreign & Domestic Commerce, United States Department of Commerce, First National Bank Building, CHICAGO, and Office of the Bureau of Foreign & Domestic Commerce, United States Department of Commerce, 734 Customs House, NEW YORK CITY.

SPECIFICATION NO. 23/77—ALUMINUM STEEL CORED CABLE & ACCESSORIES

CHARGE: £2:0:0 for the first 3 copies of Tender Form, Conditions of Contract, and Specification complete. These charges will be returned on receipt of a bona-fide tender. A fourth copy and any further copies will be supplied for the sum of 10/ each.

PRELIMINARY DEPOSIT: A preliminary deposit of £100:0:0 is to be lodged with Tender.

The Specification may be inspected at the above mentioned Offices, and also at the office of: The Commissioner for Australia in U. S. A., Room 3012, 61 Broadway, NEW YORK.

The Commission does not bind itself to accept the lowest or any tender.

Tenders on prescribed form, properly endorsed and addressed, must be delivered to the undersigned in Melbourne not later than 5 p.m., August 31st, 1923.

R. LIDDELOW, Secretary,
State Electricity Commission of Victoria,
22-32 William Street,
Melbourne,
Victoria, Australia.

OFFICIAL PROPOSALS

Bids: July 17.

Water Works, Sewers, Street Improvements

Deland, Fla.

Sealed proposals will be received by the Board of Bond Trustees of the City of Deland, Florida, at the City Hall, for furnishing material and constructing water works improvements, sanitary and storm sewer systems and street improvements in and for the City of Deland, Florida, until 4 p.m., July 17, 1923, at which time they will be opened and read publicly.

The work includes the furnishing of all labor, material machinery and equipment of every kind necessary to construct approximately 95,000 square yards of brick, concrete, or bituminous pavements with necessary curb, gutter and appurtenances, approximately 2⅓ miles of storm drains 12 to 24 inches with accessories. Approximately 2 miles sanitary sewers 6 to 18 inches with accessories, approximately 8 miles water mains 4 to 10 inches with specials, three pumps, two pump houses, one generator unit and accessories, all complete and in accordance with plans and specifications on file at the office of the Engineers and the City Clerk.

Each bid must be accompanied by a certified check on a bank satisfactory to the Bond Trustees or Bidders Bond acceptable to Bond Trustees for five (5) per cent of the amount of the bid, drawn to the order of the City of Deland, Florida.

A bond in the sum of twenty (25) per cent of the amount of the contract with satisfactory surety executed through Deland, Florida, agency will be required for the faithful performanc of the work.

All bids will be compared on the basis of the Engineers' estimates of amount of work to be done.

Copies of the specifications may be obtained from the Engineers upon receipt of deposit of five ($5.00) dollars which will be returned on bona fide bid. Plans may be seen at the office of the Engineer at Deland or Atlanta, Georgia, or at the City Hall. Copies of plans may be obtained on the payment of twenty-five ($25.00) dollars.

The right is reserved to reject any or all bids.

This 8th day of June, 1923.

CITY OF DELAND, FLORIDA
BY E. R. CONRAD,
BY G. A. DREKA,
BY C. L. ALLEN,
Bond Trustees.

J. B. McCrary Engineering Corporation,
Engineers, Atlanta, Georgia.

Bids: June 26.

Bridges

Baltimore, Md.

SEALED PROPOSALS for building the following bridges:

Frederick Co.—Cont. F-58. Reinforced concrete arch bridge over Catoctin Creek near Middletown on the Hagerstown Pike, consisting of a single span 85′ 0″ clear and a 24′ 0″ clear Roadway.

Montgomery Co.—Cont. M-18. Reinforced concrete arch bridge over Seneca Creek near Dawsonville on the road from Darnstown to Dawsonville, consisting of a double span each 46′ 0″ clear and a 24′ 0″ clear Roadway.

Hartford Co.—Cont. H-35. Reinforced concrete arch bridge over Bynum Run near Belair on the Belair-Aberdeen Road, consisting of a single span 40′ 0″ clear and a 24′ 0″ clear Roadway.

will be received by the State Roads Commission, at its offices, 601 Barrett Building, Baltimore, Maryland, until 12 M. on the 26th day of June, 1923, at which time and place they will be publicly opened and read.

Bids must be made upon the blank proposal form which, with specifications and plans will be furnished by the Commission upon application and cash payment of $1.00, as hereafter no charges will be permitted.

No bids will be received unless accompanied by a certified check for the sum of Five Hundred ($500) Dollars, payable to the State Roads Commission.

The successful bidder will be required to give bond, and comply with the Acts of the General Assembly of Maryland, respecting contracts.

The Commission reserves the right to reject any and all bids.

BY ORDER of the State Roads Commission this 12th day of June, 1923.

JOHN N. MACKALL,
Chairman.

L. H. STEUART,
Secretary.

OFFICIAL PROPOSALS

Bids: July 10.

Drainage Ditch and Improvement

DISTRICT NO. 4

Ottumwa, Ia.

In the Matter of the Cedar Creek Drainage District No. 4, of Wapello County, Iowa, and Drainage Ditch and improvement therein:

Notice is hereby given that in pursuance of an order of the Board of Supervisors of Wapello County, Iowa, made on May 17th, 1923, sealed bids will be received by the undersigned for said Board up to Two o'clock p.m., on July 10, 1923, at the Court House, Ottumwa, Ia., but not later, for the construction of said Drainage Ditch and improvement in said Drainage District No. 4, of Wapello County, Iowa, in accordance with the approved plans, profiles, specifications, and contract, in blank form for bids, and bond therefor, on file in my office; said work thereof being described as follows, and having the approximate estimated amount and quantities as specified, but which may be found to be either more or less on final measurement:

The beginning point of said Ditch and Improvement is at West ¼ Cor. N. W. ¼ Sec. 31-Competine Twp. 73-r 12 W. and ending in the S. E. ¼ Sec. 13 Pleasant Twp. 72-r. 12 on the Wapello Jefferson County Line, a distance of 7.23 miles divided into sections as follows:

Sec. E-5—42,636 cu.yds. Start work on or before May 1st, 1924. Complete by June 15, 1924.

Sec. F-6—42,129 cu.yds. Start work on or before Mch. 15, 1924. Completed by May 1, 1924.

Sec. G-7—43,643 cu.yds. Start work on or before Feb. 1, 1924. Completed by March 15, 1924.

Sec. H-8—37,654 cu.yds. Start work on or before Dec. 20, 1923. Completed by Feb. 1, 1924.

Sec. I-9—35,204 cu.yds. Start work on or before Nov. 15, 1923. Completed by Dec. 20, 1923.

Sec. J-10—24,258 cu.yds. Start work on or before Oct. 20, 1923. Completed by Nov. 15, 1923.

Sec. K-11—31,310 cu.yds. Start work on or before Sept. 15, 1923. Completed by Oct. 20, 1923.

The estimated quantity of material to be excavated in said entire ditch is 256,834 cu.yds. of excavation. This work consists in cutting a continuous channel as located, which channel is 12 feet in width at the bottom, and side slopes shall be one-half foot horizontal to one foot vertical; side slopes shall be left smooth and uniform, and bottom of channel shall be brought to proper grade elevation and left smooth and uniform ,and with an approximate depth of 10½ feet; right of way 100 feet in width.

Bids will be submitted for the entire work; and the price must be stated in both words and figures, and permission will not be granted to amend or withdraw any bid after filing with the County Auditor. Maps, plans profiles, specifications, and form for bids, contracts, etc., are on file in my office, and at the office of Brown & Cook, Engineers, Ottumwa, Iowa, and can be examined. The Board will award contract to the lowest responsible bidder therefor; but the right is hereby expressly reserved by said Board to reject any or all bids and to readvertise the letting of said work; and no bid will be considered unless on the approved form for bids furnished by the undersigned.

All bids must be signed with the recognized name of the Contractor or firm who expects to do the work if awarded the contract, and each bid must be accompanied by a certified check of some reputable bank, in the sum equal to ten per cent, of the amount of the bid, (but not to exceed $10,000.00), drawn in favor of the County Auditor of Wapello County, Iowa, as a guarantee of good faith in entering on said contract, and if awarded the contract for said work, the bidder will within ten days from the date of notice thereof, enter into said contract therefor and execute said Bond therefor, or deposit cash, as provided by law in the sum of twenty-five per cent of estimated cost of said work so let by such contract. The checks of unsuccessful bidders will be returned to them respectively as soon as award is made. All provisions of present Drainage Laws of Iowa are made a part of all said contracts.

All bids must be sealed and marked on the outside of envelope: Bid for Contract on Cedar Creek Drainage Ditch, No. 4, and addressed to Fred W. Prosser, County Auditor, Ottumwa, Wapello County, Iowa. The bids will be opened at Two o'clock p.m., on July 10, 1923, in the office of the Board of Supervisors, in Court House at Ottumwa, Iowa, and the contract, if awarded will be awarded by the said Board as soon as practicable thereafter on said date.

Witness my hand and seal this day of May, 1923.

FRED W. PROSSER,
County Auditor of Wapello Co., Ia.

Bids: July 2.

Dam Construction

Beacon, N. Y.

Sealed proposals will be received by the City Council at its office No. 525 Main Street, Beacon, N. Y. at eight (8) o'clock p.m., Daylight Saving Time, July 2nd, 1923, for the construction of Dam at Melzingah Reservoir, Beacon, N. Y., which proposals will be opened by the Mayor or presiding officer on that day and time or on such subsequent day as the council may adjourn for that purpose.

No proposal shall be considered unless accompanied by the written consent of two sureties, conditioned that if the proposal be accepted, they will execute and deliver a bond with the bidder in a penalty to be fixed by the council conditioned for the construction of the work at the price and upon the terms proposed, according to the plans and specifications therefor, within such reasonable time as the council may limit, and subject to the supervision and approval of the Commissioner of Public Works as the specifications shall provide.

Prospective bidders are requested to visit the site of the proposed work in order to satisfy themselves as to the scope and hazards of the work.

Plans and specifications, form of proposal, bond and contract may be obtained at the office of the city, No. 525 Main Street, Beacon, New York, or at the office of George W. Krieger, Jr., Consulting Engineer, Poughkeepsie, N. Y., upon the deposit of $15.00, which amount will be refunded upon the return of the plans and specifications in good condition.

The proposal shall be accompanied by a certified check drawn upon an incorporated State or National Bank or Trust Company in good credit, within this State, payable to the order of the City of Beacon for five per cent of the amount of the bid. The successful bidder will be required to give a satisfactory bond for the faithful performance of the agreement in amount equal to fifty per cent of the value of the contract.

The City Council of the City of Beacon reserves the right to reject any or all bids.

By order of the City Council of the City of Beacon,

MARCUS G. MacLAUGHLIN,
Commissioner of Public Works.

Bids: July 2.

Road Work

White Plains, N. Y.

Sealed proposals will be received by the Board of Supervisors, Court House, White Plains, N. Y., until 10:30 a.m. (Daylight Saving Time), July 2nd, 1923, for constructing with reinforced concrete, Bedford Road and Webber Avenue, County Road No. 14 and 14A, in the Village of North Tarrytown, N. Y., a distance of approximately 1.49 miles.

Specifications, proposal sheets and all information relative to the above work may be secured at the office of the County Engineer, Court House, White Plains, N. Y., upon making a deposit of $10.00.

BOARD OF SUPERVISORS,
FRED L. MERRITT, Clerk.

Bids: July 5.

Bridge

Freehold, N. J.

Notice is hereby given that sealed bids will be received by the Board of Chosen Freeholders of the County of Monmouth for the construction of Bridge No. Mn-30, Water St., Englishtown, consisting of one 36′ skew span with I beams encased in concrete, a 30′ reinforced concrete roadway, two 6′ sidewalks and concrete abutments on a timber pile foundation, and opened and read in public at the rooms of said board, Court House, Freehold, New Jersey, on July 5th, 1923, at 11:00 a.m., daylight saving time .

Drawings and specifications for the proposed work, prepared by George K. Allen, Jr., County Engineer, have been filed in the office of said Engineer at 60 Broad street, Red Bank, New Jersey, and may be inspected by prospective bidders during business hours. The standard proposal form is attached to the specifications, copies of which will be furnished on application to the Engineer.

Plans and specifications will be furnished to prospective bidders upon payment of ten dollars ($10.00), which amount will be refunded upon return of plans and specifications before the time specified for the opening of bids.

Bids must be made on the standard proposal forms in the manner designated therein and required by the specifications, must be enclosed in sealed envelopes, bearing the name and address of the bidder and name of proposed work on the outside, addressed to the Board of Chosen Freeholders of the County of Monmouth and must be accompanied by a certified check for a sum not less than ten (10) per cent of the amount bid on the work, payable to the order of the County Treasurer and a surety company certificate stating that said surety company will provide the bidder with the required bond, and must be delivered at the place and before the hour above named.

The Board of Chosen Freeholders of the County of Monmouth reserves the right to reject any or all bids if deemed to the best interests of the County so to do.

By order of the Board of Chosen Freeholders of the County of Monmouth.

BRYANT B. NEWCOMB, Director.

ATTEST:
CHARLES E. COLE, Clerk.
Freehold, N. J., June 6th, 1923.

Bids: July 9.

Reinforced Concrete Viaduct

Akron, Ohio.

Sealed proposals are hereby invited for the building of a reinforced concrete viaduct on West State Street, Akron, Ohio.

The bridge will consist of
2 spans, 50 feet
2 spans, 47 feet
7 spans, 48.25 feet

with beam and slab construction. There will be about
9,000 l. ft. concrete piling
4,400 c. yds. concrete
300 tons reinforcing steel
3,000 s. yds. paving.

A deposit of $100. will be required for each set of plans and specifications, to be refunded on return of the same.

A certified check for Ten Thousand Dollars ($10,000.00) must accompany each proposal.

Bids will be received by the Director of Public Service, 3rd floor, Delaware Building, Akron, Ohio, until 12:00 o'clock M. Central Standard time July 9, 1923.

W. F. PETERS,
Director of Public Service.
E. A. KEMMLER,
Highway Engineer.

How Do You Figure A Contract?

Do you work it out carefully and with mathematical precision or do you put inefficient help on the job, wreath your face in a sublime smile of childlike trust and put your faith in Providence to guide you into paths of profit and places of prominence?

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